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John L. Paik jpaik@kmob.com

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. :

KASSAB.003A

Applicant(s)

: Kassab, et al.

For

SYSTEM AND METHOD FOR MEASURING

CROSS-SECTIONAL AREAS AND PRESSURE GRADIENTS IN LUMINAL

ORGANS

Attorney

John L. Paik

"Express Mail"

Mailing Label No.

EV 309086687 US

Date of Deposit

February 19, 2004

I hereby certify that the accompanying

Transmittal letter; specification in 34 pages; 8 sheets of drawings; **UNSIGNED**; Check(s) for Filing Fee(s); Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nelson Merida

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UTILITY APPLICATION

Attorney Docket No.: KASSAB.003A

First Named Inventor: Ghassan S. Kassab, Ph.D.

Title: SYSTEM AND METHOD FOR MEASURING CROSS-SECTIONAL AREAS AND PRESSURE

GRADIENTS IN LUMINAL ORGANS

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Date: February 19, 2004

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Mail Stop Patent Application

United States Patent and Trademark Office PO Box 1450 Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor(s):

1. Ghassan S. Kassab, Ph.D.

2. Hans Gregersen, M.D.

3 Mohamed Reza Movahed,

M.D.

4.

APPLICATION ELEMENTS:

- (X) Specification in 34 pages.
- (X) Drawings in 8 sheets.

Reference to prior domestic applications is made in the:

- (X) Reference to prior domestic applications is made in the specification.
- () Reference to prior domestic applications is made in the enclosed Preliminary Amendment.
- () Reference to prior domestic applications is made in the enclosed Application Data Sheet (ADS).

CONTINUITY INFORMATION:

| Application | Relationship | Parent App. No. | Filing Date | Status |
|------------------|-----------------|-----------------|-------------|---------|
| This Application | Non-Provisional | 60/449,266 | 02/21/03 | Pending |
| | | 60/493,145 | 08/07/03 | Pending |
| | | 60/502,139 | 09/11/03 | Pending |

(X) Incorporation by Reference. The entire disclosure of the prior application(s) is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

OTHER APPLICATION PARTS:

(X) Return prepaid postcard.

Attorney Docket No.: KASSAB.003A

First Named Inventor: Ghassan S. Kassab, Ph.D.

Title: SYSTEM AND METHOD FOR MEASURING CROSS-SECTIONAL AREAS AND PRESSURE

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FILING FEES:

UTILITY APPLICATION

The present application qualifies for small entity status under 37 C.F.R. § 1.27. The fees are calculated below:

| FEE CALCULATION | | | | | | | | | |
|--------------------|----|---|----|---|----|--------------|---------------|-------|--|
| FEE TYPE | | | | | | FEE CODE | CALCULATION | TOTAL | |
| Basic Utility | | | | | | 2001 (\$385) | | \$385 | |
| Non-English Spec. | | | | | | 1053 (\$130) | | \$0 | |
| Recordation Fee | | | | | | 8021 (\$40) | 0 x 40 = | \$0 | |
| Excess Claims > 20 | 49 | - | 20 | = | 29 | 2202 (\$9) | 29 x 9 = | \$261 | |
| Independent > 3 | 7 | - | 3 | | 4 | 2201 (\$43) | 4 x 43 = | \$172 | |
| Multiple Claim | | | | | | 2203 (\$145) | | \$0 | |
| | | | _ | | | | TOTAL FEE DUE | \$818 | |

(X) A check in the amount of \$818 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

John L. Paik

Registration No. 54,355 Attorney of Record

Customer No. 20,995

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